

BEAM POWER AMPLIFIER

MINIATURE TYPE

| GENERAL DATA | | |
|---|--|--|
| Electrical: | | |
| Heater for Unipotential Cathode: Voltage 6.3 ac or dc volts Current 1.2 amp Direct Interelectrode Cap. (Approx.; no external shield): As Beam Power Amplifier: Grid No.1 to Plate . 0.65 | | |
| Characteristics as Beam Power Amplifier: | | |
| See AMPLIFIERClass A | | |
| Characteristics as Triode-Connected Amplifier - Class A _i : (Grid No.2 connected to plate) | | |
| Plate Voltage | | |
| Mechanical: | | |
| Mounting Position | | |
| 0- | | |
| AMPLIFIERClass A | | |
| Maximum Ratings, Design - Center Values: | | |
| PLATE VOLTAGE | | |





BEAM POWER AMPLIFIER

| PEAK HEATER-CATHODE VOLTAGE: Heater negative with respect to cathode . 200 max. volts Heater positive with respect to cathode . 200 max. volts | |
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| Typical Operation and Characteristics: | |
| Plate Voltage | (|
| VERTICAL DEFLECTION AMPLIFIER | |
| Triode Connected-Grid No.2 Connected to Plate | |
| Maximum Ratings, Design-Center Values Except as Noted: | |
| For operation in a 525-line, 30 frame system | |
| DC PLATE VOLTAGE | |
| Peak | ~ |
| Maximum Circuit Values: | |
| Grid-No.1 Circuit Resistance: For cathode-bias operation 2.2 max. megohms | |
| The dc component must not exceed 100 volts. As described in "Standards of Good Engineering Practice for Television Broadcast Stations", Federal Communications Commission. The duration of the voltage pulse must not exceed 7 per cent of one vertical scanning cycle. In a 525-line, 30-frame system, 7 per cent of one vertical scanning cycle is 1.2 milliseconds. | (|
| Under no circumstances should this absolute value be exceeded. | |
| †† An adequate bias resistor or other means is required to protect the tube in the absence of excitation. | (|
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